



Shootaring Operations: P.O. Box 511, Ticaboo, Utah 84734

April 14, 1987

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**DIVISION OF  
OIL, GAS & MINING**

Mr. Frank Filas  
UT Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Re: Annual Operations & Progress Reports for the Tony M (ACT/017/001)  
& Frank M (ACT/017/017) Mines in Garfield County, UT

Dear Mr. Filas:

I've enclosed the Annual Operations & Progress Reports for the Tony M and the Frank M Mines.

There was no reclamation done this year, with the exception of the scarifying and seeding that was done following our assessment drilling program. In the past it appears that drilling reclamation wasn't reported on these forms, so I didn't include it this year.

Since there was no new disturbance or reclamation this year, I did not send more copies of the same map. If you have any questions, please call me at (801) 788-2120.

Sincerely,

*Susan Pentico*

Susan Pentico  
Land & Licensing Coordinator

encl.

NONCOAL  
MR Form 3  
(Revised 1987)

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ANNUAL OPERATIONS AND PROGRESS REPORT

DIVISION OF  
OIL, GAS & MINING

1986

(This report must be submitted to the Division by ~~March 31~~ <sup>APRIL 30</sup>, 1987.)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
3 Triad Center, Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

OPERATOR: Plateau Resources Limited MINE NAME: Frank M  
ADDRESS: NBU 11  
Ticaboo, UT 84734  
PERMIT NUMBER AND DATE OF PERMIT: ACT/017/017 - 9/30/79  
REPRESENTATIVE: Susan Pentico  
SECTION(S): 2 TOWNSHIP(S): 35S RANGE(S): 11E  
MINERAL(S) MINED: Uranium

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

<u>Disturbance</u>	<u>Acreage</u>
Pit	<u>-0-</u>
Roads	<u>-0-</u>
Facilities	<u>"</u>
Waste Dumps	<u>"</u>
Other	<u>"</u>

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(b) Tabulation of acreage affected to date (by years).

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<u>Date by Year</u>	<u>Acreage (Total)</u>
1975	-0-
1976	-0-
1977	"
1978	"
1979	<10 est.
1980	"
1981	"
1982	"
1983	"
1984	"
1985	"
1986	"

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area			
	1	2	3	etc.
Acreage of Area	N/A			
Depth of Topsoil Removal (inches)	"			
Depth of Topsoil Replacement (inches)*	"			
Estimate of Topsoil Volume Salvaged (yd <sup>3</sup> or ac ft)	"			
Volume Actually Salvaged (yd <sup>3</sup> or ac ft)	"			
Volume Required for Reclamation (yd <sup>3</sup> or ac ft)	"			
Surplus or Deficit Volume (yd <sup>3</sup> or ac ft)	"			
Storage Status (short- or long-term)	"			
Storage Location	"			
Area Where Soil Has Been Used (if not stored)	"			
Running Total (all stockpiles) (yd <sup>3</sup> or ac ft)	"			
Short-term	"			
Long-term	"			

\*Of previously stripped area recently reclaimed.



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(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
	N/A	

(e) Tabulation of quantity of commodity mined.

	<u>Commodity</u>	<u>Tonnage</u>
(Mined)	N/A	
(Milled)		

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

1. Buildings and support facilities.  
N/A

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2. Roads.  
N/A

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3. Diversion ditches, collector ditches, interceptor ditches, etc.  
N/A

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4. Culverts.  
N/A

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5. Sediment ponds, containment ponds.  
N/A

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6. Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).

N/A

7. Topsoil stockpiles.

N/A

(g) Description of any environmental problem areas with a proposed plan for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.

N/A

2. Subsidence.

N/A

3. Accidental water discharge, dam failure, etc.

N/A

4. Slumping, sliding or erosion.

N/A

5. Revegetation problem areas.

N/A

6. Existence and location of unsuitable (toxic) overburden.

N/A

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RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

<u>Area</u>	<u>Acreage</u>
N/A	-

2. Topsoiled areas.

<u>Area</u>	<u>Acreage</u>
N/A	

3. Seeded areas.

<u>Area</u>	<u>Acreage</u>
N/A	

4. Reseeded areas (areas previously seeded, then seeded again).

<u>Area</u>	<u>Acreage</u>
N/A	

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

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<u>Year</u>	<u>Acreage</u>
1975	-0-
1976	"
1977	"
1978	"
1979	"
1980	"
1981	"
1982	"
1983	"
1984	"
1985	"
1986	"

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(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.  
N/A

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2. Type of seed (species) used for seeding during the report period.  
N/A

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3. Date of seeding during the report period.

Spring N/A

Fall

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4. Seeding procedures used.

(Hand broadcast or drilled or any other).  
N/A

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5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

N/A

6. Type and rate of fertilizer applied.

N/A

7. Type and rate of mulch applied.

N/A

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

N/A

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

N/A

10. Soil analysis results.

N/A

(d) Description of results of previous revegetation efforts, including:  
(This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.

N/A



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2. Types (species) of seed that are not growing successfully.

N/A

3. Areas experiencing problems with weeds and weed types.

N/A

4. Significant erosional problems.

N/A

5. Areas of unsuitable overburden on the surface as related to revegetation failure.

N/A

6. Procedures used or proposed to correct these problems.

N/A

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

Area

Date

Acreage

N/A

8. Results of soil analysis.

N/A

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

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	<u>Acres</u>	<u>Cost/Acre</u>
1. Grading	<u>-0-</u>	<u>          </u>
2. Backfilling	<u>          </u>	<u>          </u>
3. Contouring	<u>          </u>	<u>          </u>
4. Topsoil Replacement	<u>          </u>	<u>          </u>
5. Seeding	<u>          </u>	<u>          </u>
A. Seedbed Preparation	<u>          </u>	<u>          </u>
B. Mulch	<u>          </u>	<u>          </u>
C. Fertilizer	<u>          </u>	<u>          </u>
D. Seed	<u>          </u>	<u>          </u>
6. Other	<u>          </u>	<u>          </u>

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	<u>\$46,619.00</u>	<u>Contract</u>	<u>7/27/79</u>

Increased disturbance, if any:

N/A

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
<u>N/A</u>	<u>                          </u>	<u>                          </u>
<u>                          </u>	<u>                          </u>	<u>                          </u>
<u>                          </u>	<u>                          </u>	<u>                          </u>
<u>                          </u>	<u>                          </u>	<u>                          </u>

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).  
(b) Other special conditions (status).